

PROJECT #	SSC0620000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Rod Steitzer

PROJECT TITLE	NE 108TH STREET SEWERMAIN REPLACEMENT		
PROJECT LOCATION	108th Avenue NE to approximately Forbes Creek at 100th Avenue NE	PROJECT START	PROJECT STATUS
		2022	Modified Project

DESCRIPTION/JUSTIFICATION

Replace and/or rehabilitate the existing trunk line with approximately 3,000 feet of 12-inch to 18-inch diameter PVC pipe. Perform video inspection to determine the extent of the improvements. The existing trunk line, a likely source of inflow and infiltration (I/I), experiences minor storm event surcharging and does not have adequate capacity for full development within the basin.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Project moved from 2020-2021 to 2022-2024 based on 2018 reprioritization of Utility projects and to align with updated Sewer Comprehensive Plan criteria. Total Project costs changed from \$6,569,500 to \$7,277,300 due to updated cost estimate including added escalation for future years.

POLICY BASIS		METHOD OF FINANCING (%)
Sewer Comprehensive Plan		Current Revenue 81 %
		Reserve (\$1,400,000) 19 %
COUNCIL GOALS		Grants 0 %
Environment		Other Sources 0 %
Dependable Infrastructure		Debt 0 %
		Unfunded 0 %

[illegible]

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2019 TO 2024**

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	<i>During construction of this sewer line (from four to six months), minor traffic control will be required. Adjacent residents should anticipate noise from normal construction activity.</i>
Community economic impacts	<i>None anticipated.</i>
Health and safety, environmental, aesthetic, or social effects	<i>Will improve capacity and diminish potential for surcharge of existing line.</i>
Responds to an urgent need or opportunity	<i>Addressed in the Sanitary Sewer Comprehensive Plan and ranked 24th of 30 projects.</i>
Feasibility, including public support and project readiness	<i>Project is adjacent to existing King County METRO sewer force main pipelines which presents a need for careful construction techniques. The project is an element of the City Council-adopted Sanitary Sewer Comprehensive Plan.</i>
Conforms to legal or contractual obligations	<i>All improvements will be designed and constructed in conformance with professional and legal requirements.</i>
Responds to state and/or federal mandate	<i>N/A</i>
Benefits to other capital projects	<i>Reduction of infiltration and inflow reduces the load on the overall system.</i>
Implications of deferring the project	<i>Continued occurrences of storm surcharging and eventual capacity shortfall with continued property development within the drainage basin.</i>
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	<p>Name of Neighborhood(s) in which located: <i>South Juanita</i></p> <p>Is there a specific reference to this project or land use in the immediate vicinity?</p> <p>How does the project conform to such references?</p> <p>Attachments <input type="checkbox"/> (Specify)</p>
LEVEL OF SERVICE IMPACT	<p><input type="checkbox"/> Project provides no new capacity (repair, replacement or renovation).</p> <p><input checked="" type="checkbox"/> Project provides new capacity. Amount of new capacity provided: 30%</p> <p><input type="checkbox"/> Project assists in meeting/maintaining adopted level of service.</p> <p><input type="checkbox"/> Project required to meet concurrency standards.</p>